

A Digital Stream Transcoder With A Hybrid-Rate Controller

Joel Schoenblum

Docket No.: A-9141

Page 1 of 13

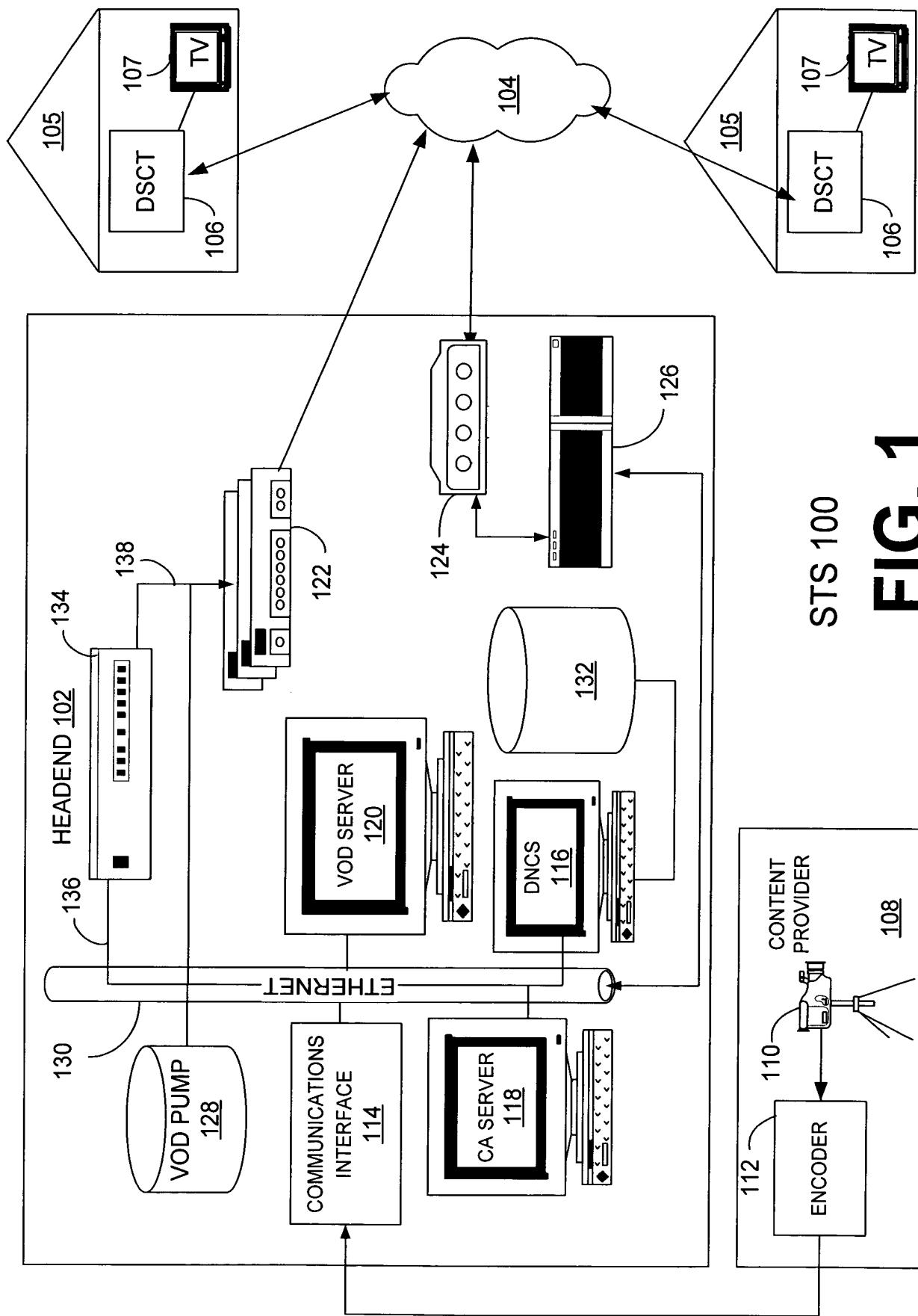
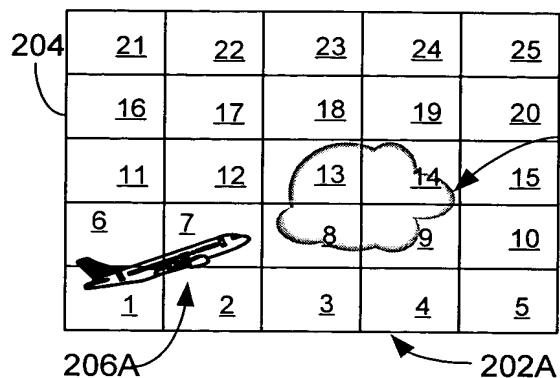
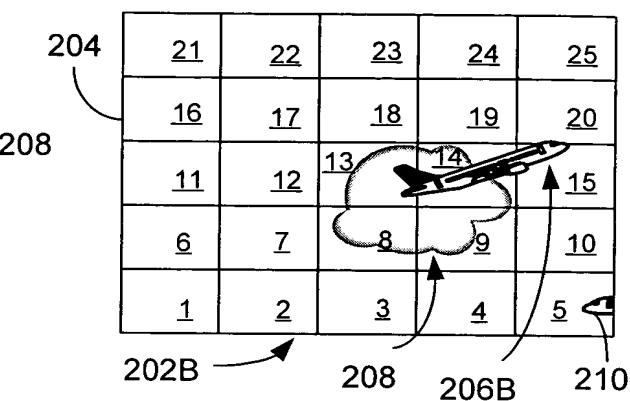


FIG. 1



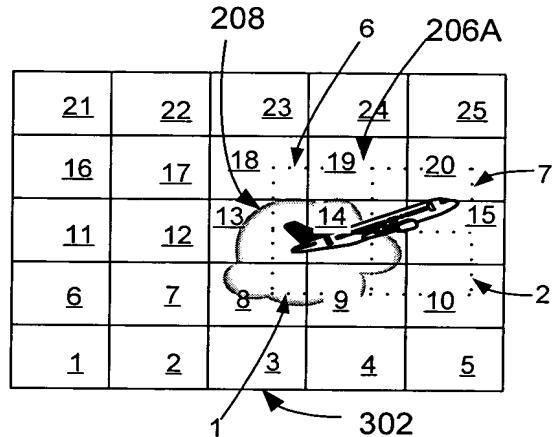
PRIOR ART

FIG. 2A



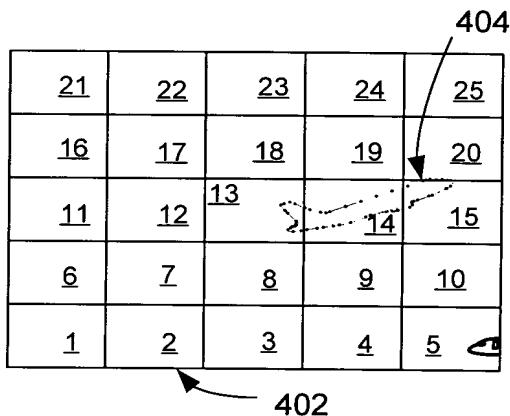
PRIOR ART

FIG. 2B



PRIOR ART

FIG. 3



PRIOR ART

FIG. 4

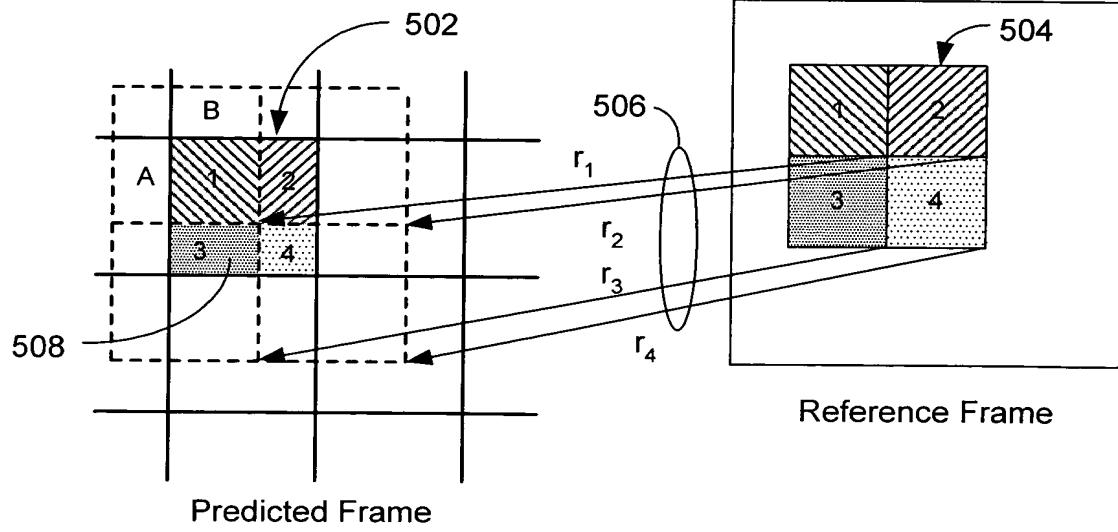
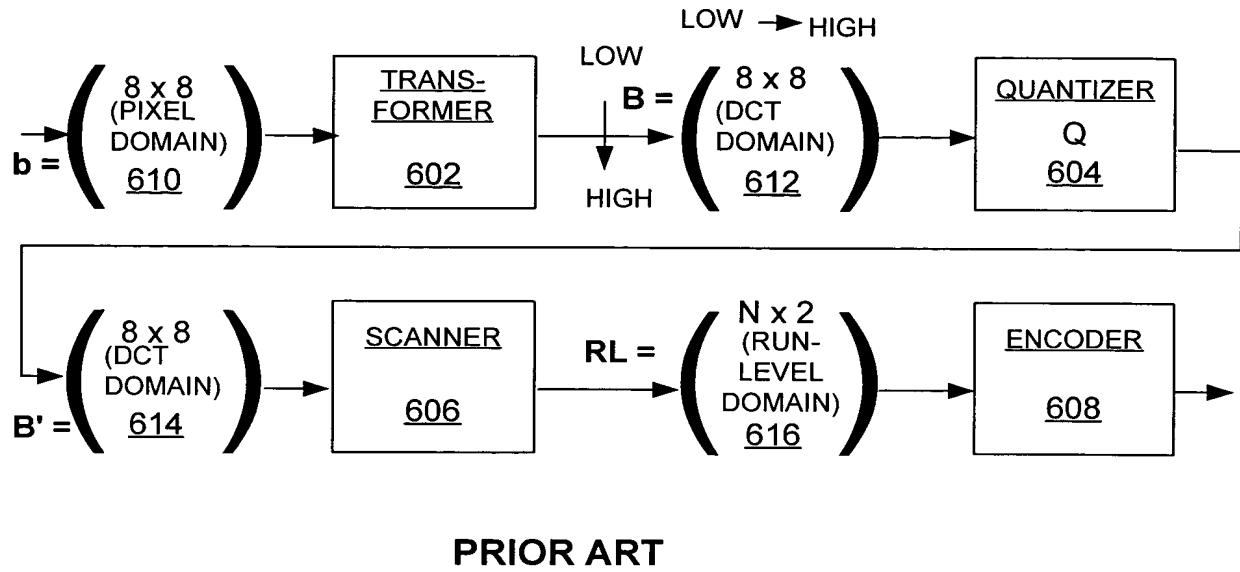
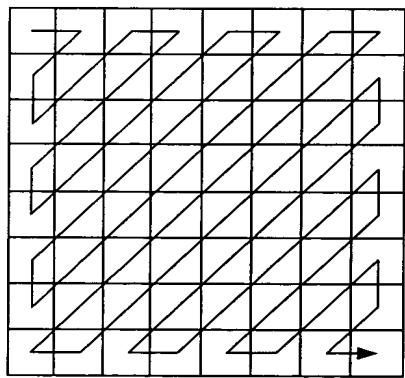


FIG. 5



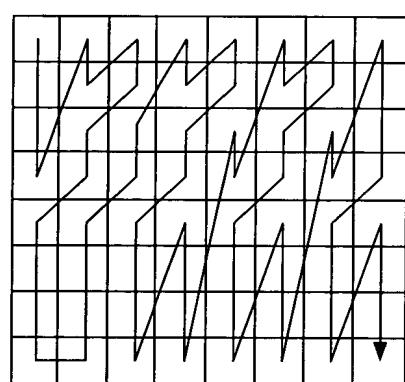
PRIOR ART

FIG. 6



PRIOR ART

FIG. 7A



PRIOR ART

FIG. 7B

614

a	0	0	c	0	0
b	0	d	g	0	
	0	0	0	0	
e	0	0			
f	h				
0					

0

PRIOR ART

FIG. 8A

616

$r_0 = 0$	$l_0 = a$
$r_1 = 1$	$l_1 = b$
$r_2 = 3$	$l_2 = c$
$r_3 = 0$	$l_3 = d$
$r_4 = 1$	$l_4 = e$
$r_5 = 0$	$l_5 = f$
$r_6 = 2$	$l_6 = g$
$r_7 = 5$	$l_7 = h$
$r_8 = 0$	$l_8 = 0$

PRIOR ART

FIG. 8B

616

$r_1 = 1$	$l_0 = a$
$r_2 = 3$	$l_1 = b$
$r_3 = 0$	$l_2 = c$
$r_4 = 1$	$l_3 = d$
$r_5 = 0$	$l_4 = e$
$r_6 = 2$	$l_5 = f$
$r_7 = 5$	$l_6 = g$
$r_8 = 0$	$l_7 = h$

PRIOR ART

FIG. 8C

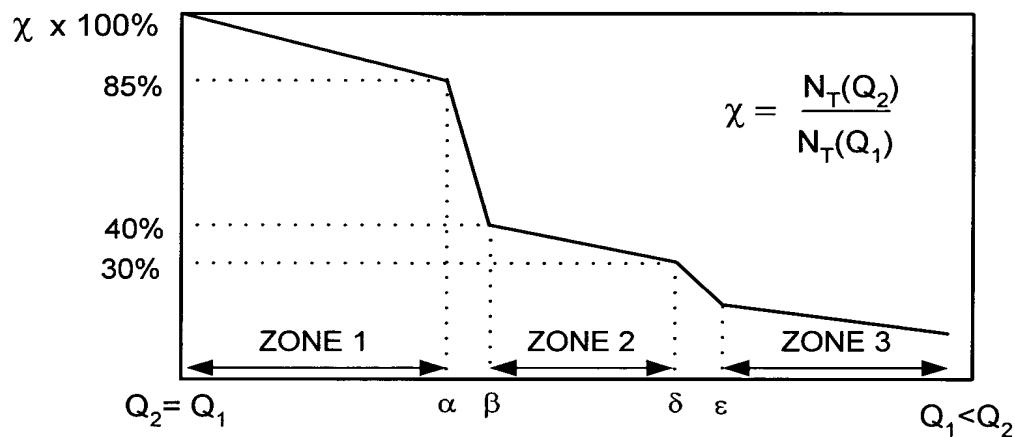


FIG. 10

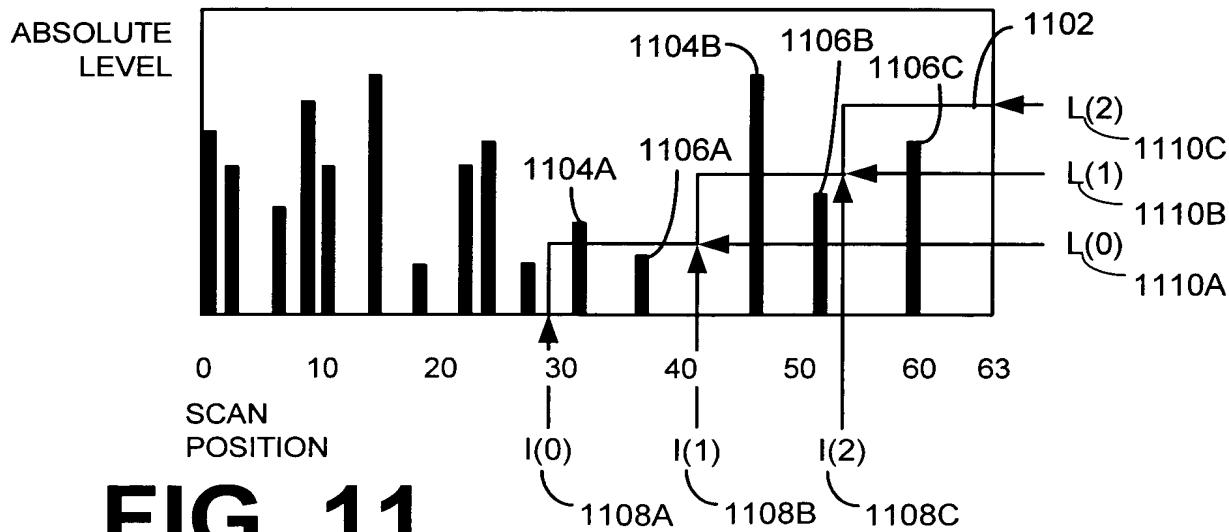


FIG. 11

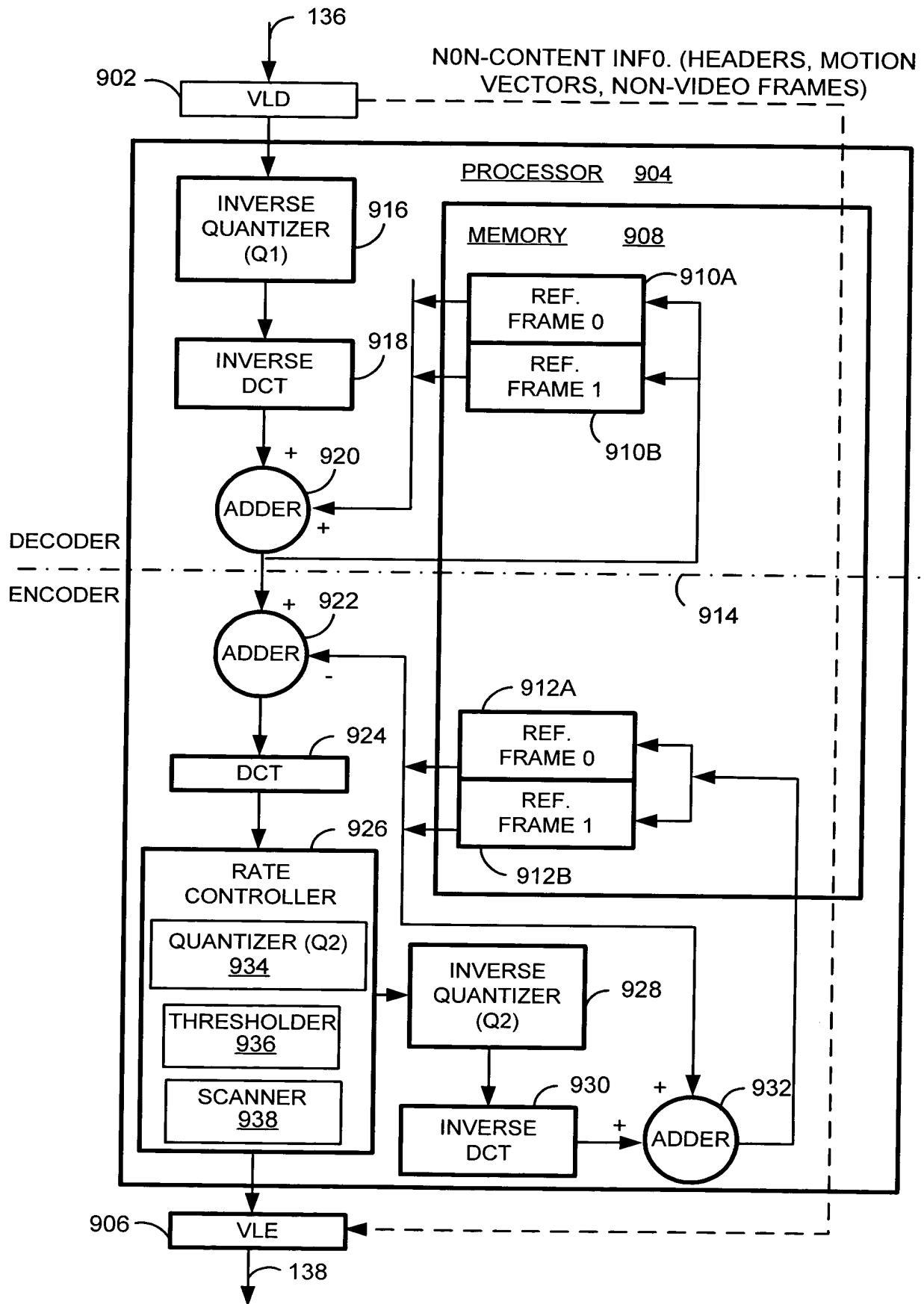


FIG. 9

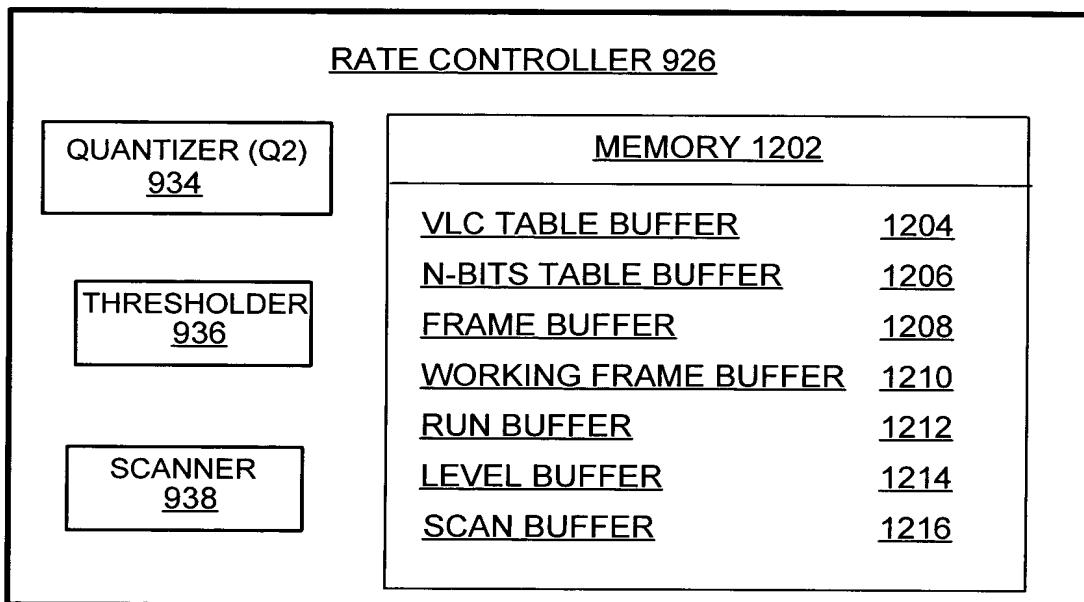


FIG. 12

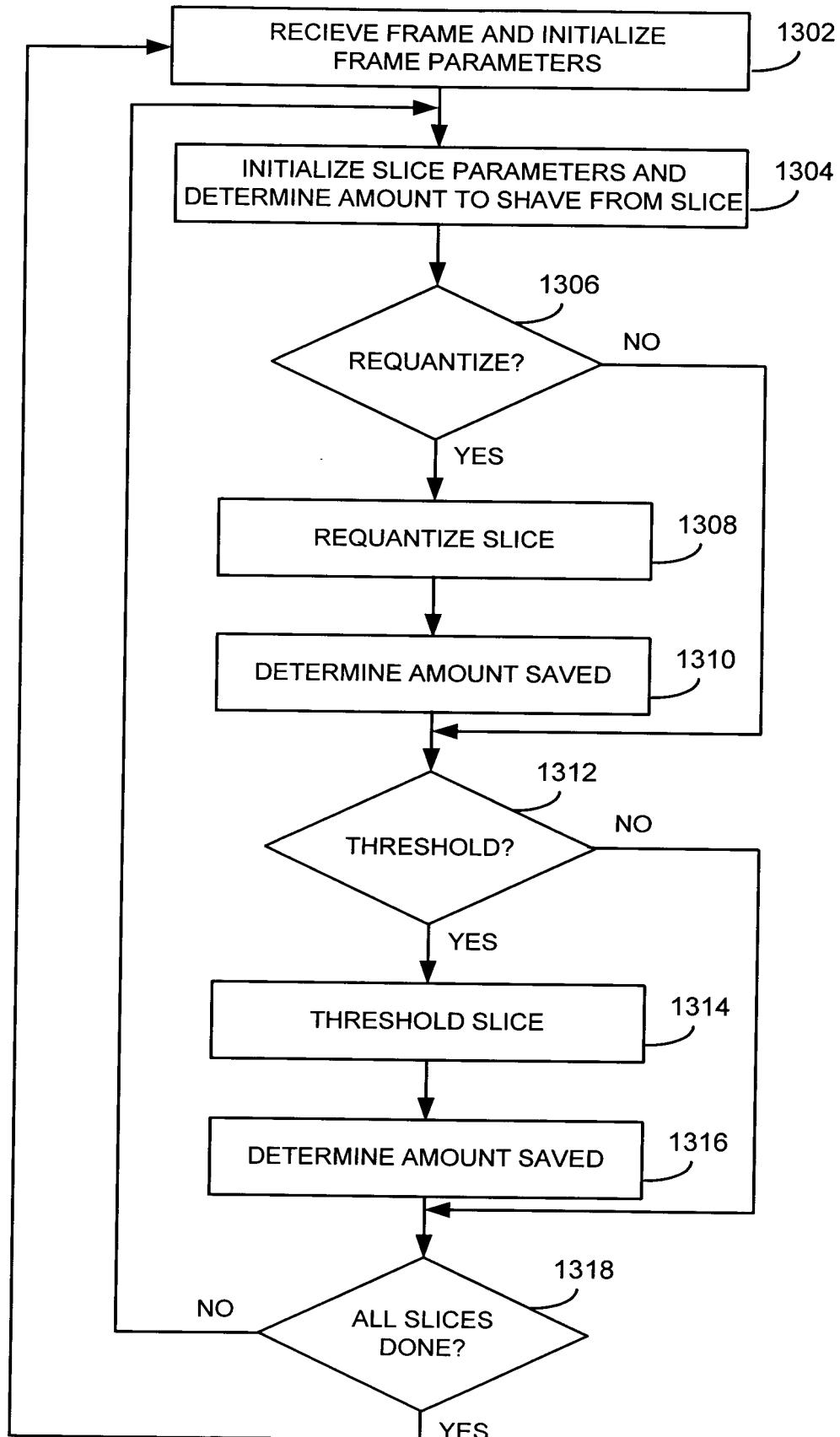


FIG. 13

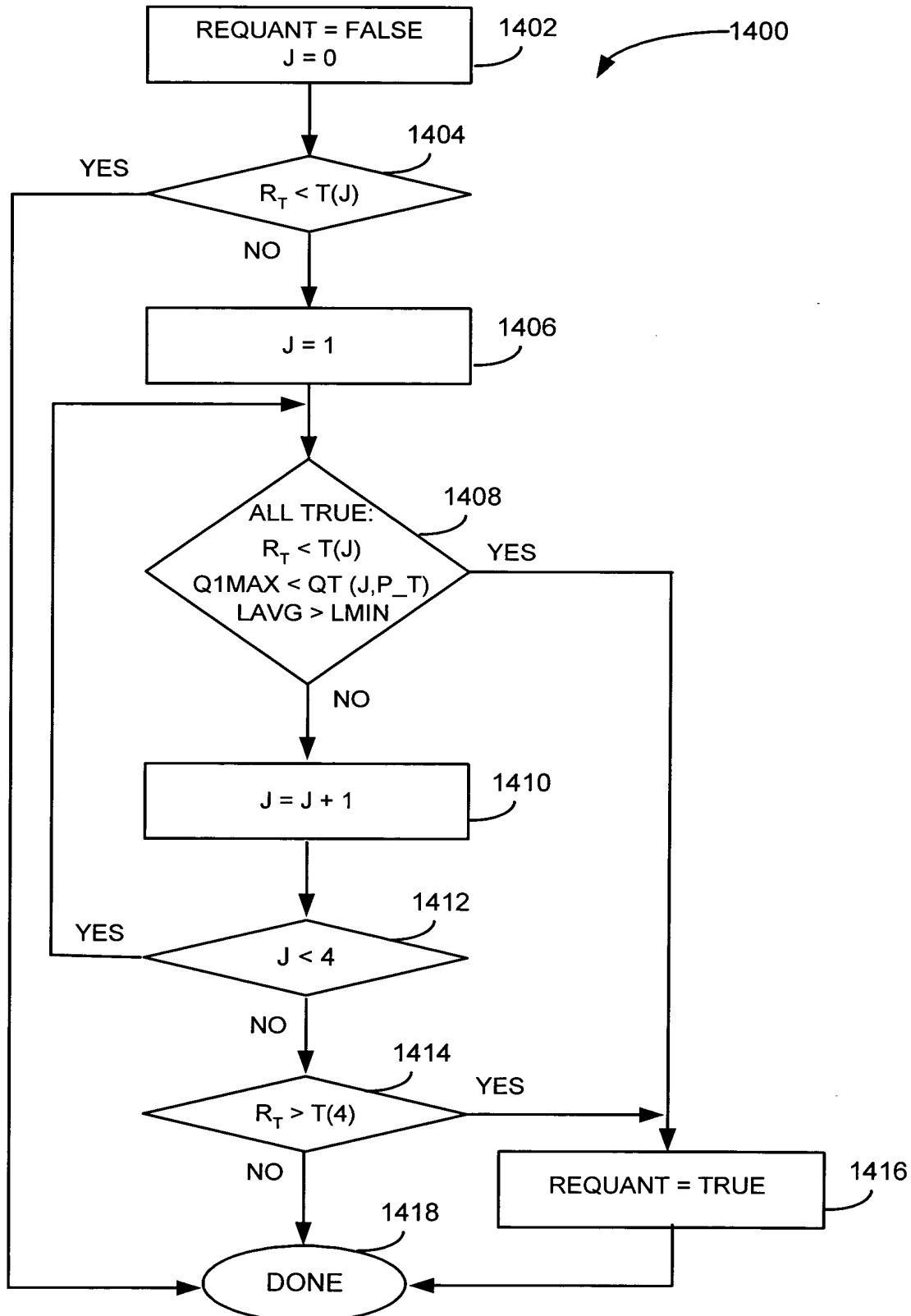


FIG. 14

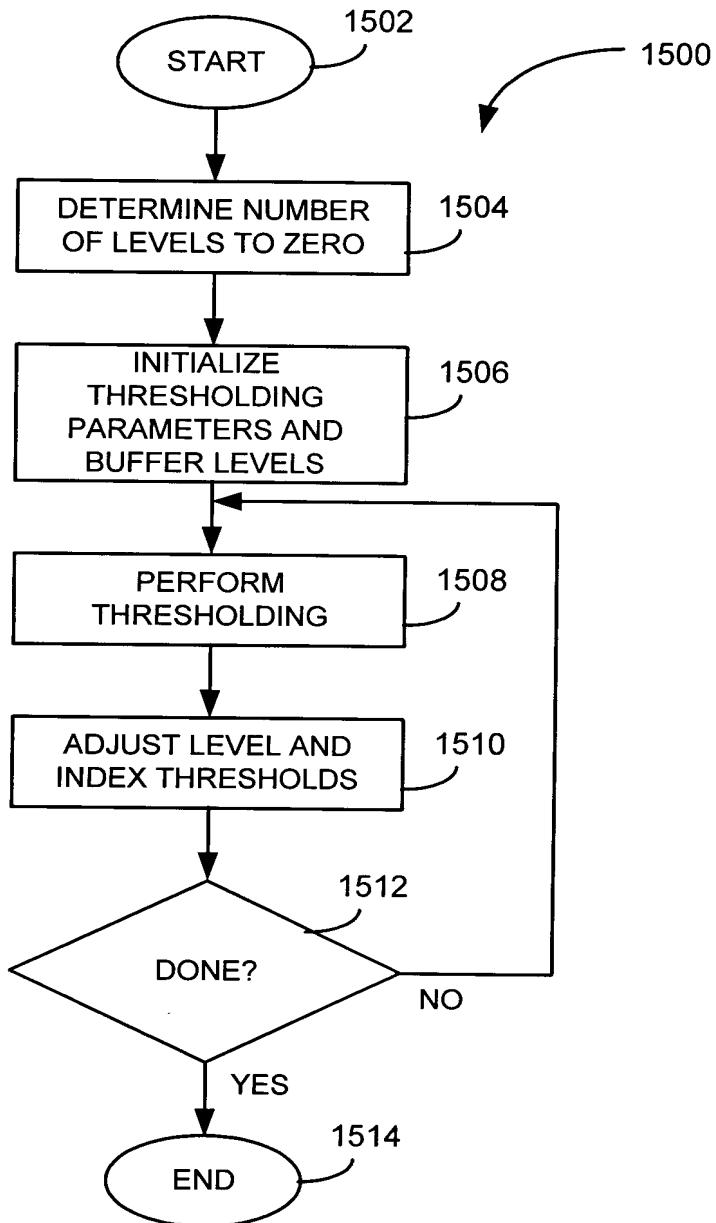


FIG. 15

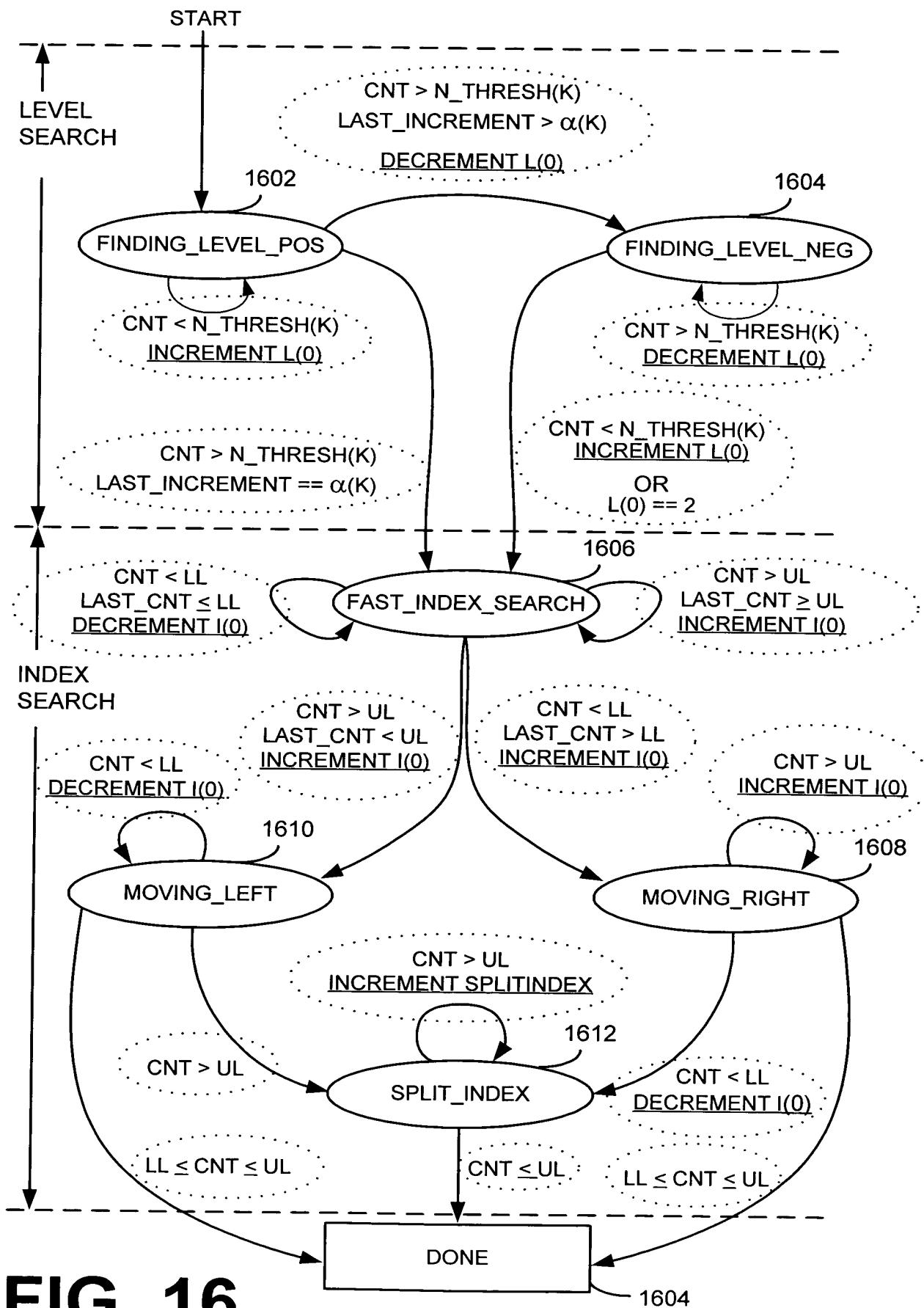


FIG. 16

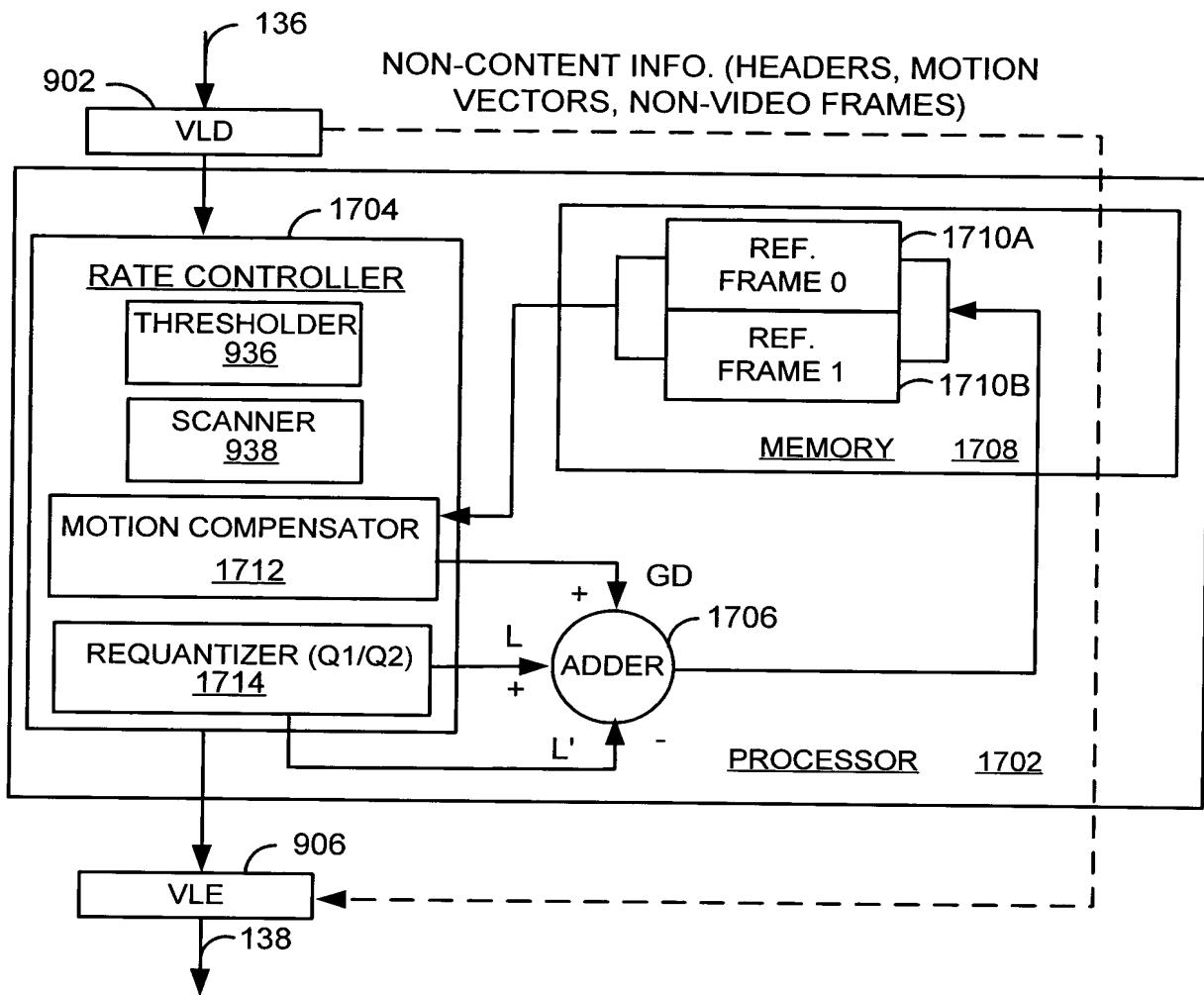


FIG. 17

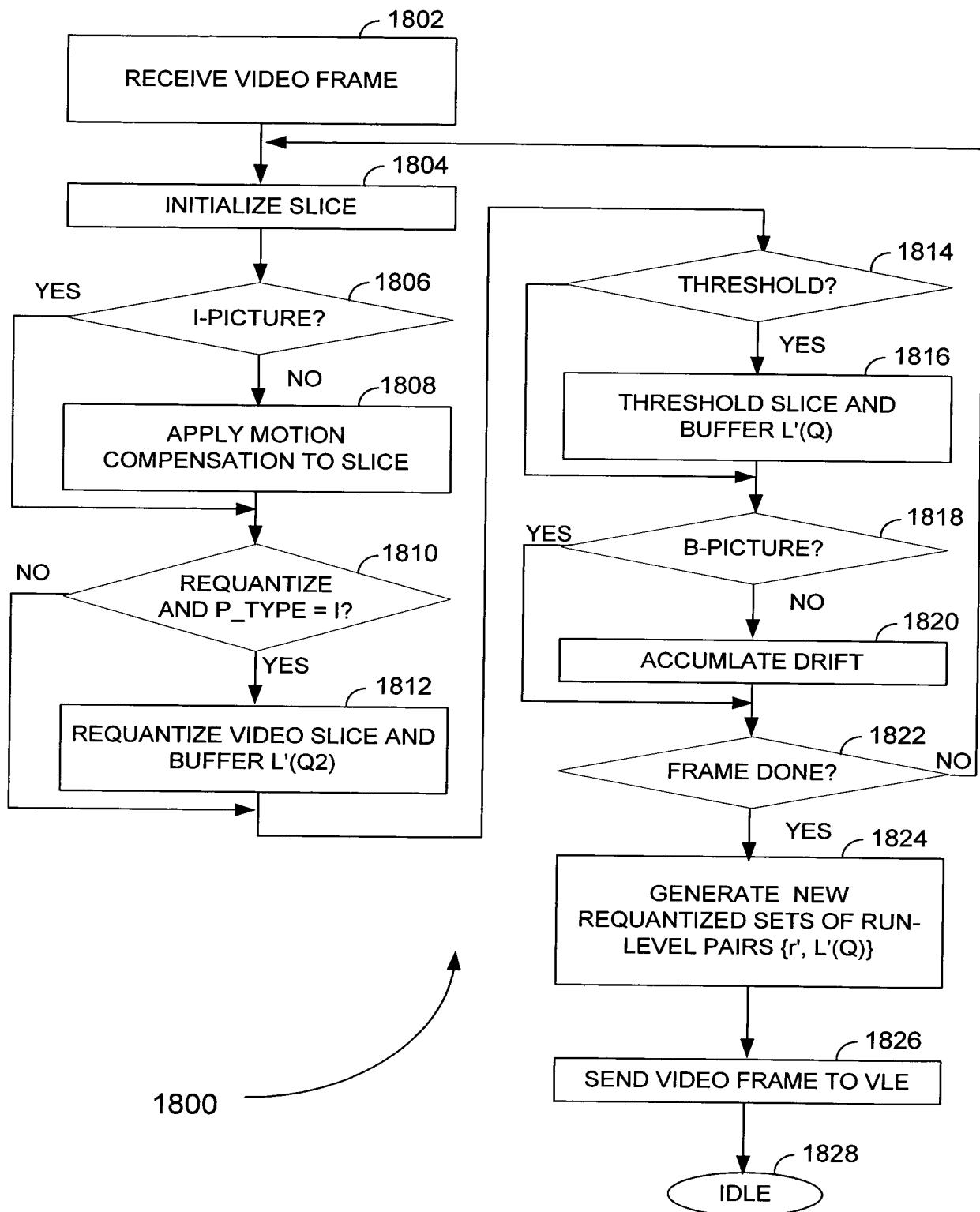


FIG. 18

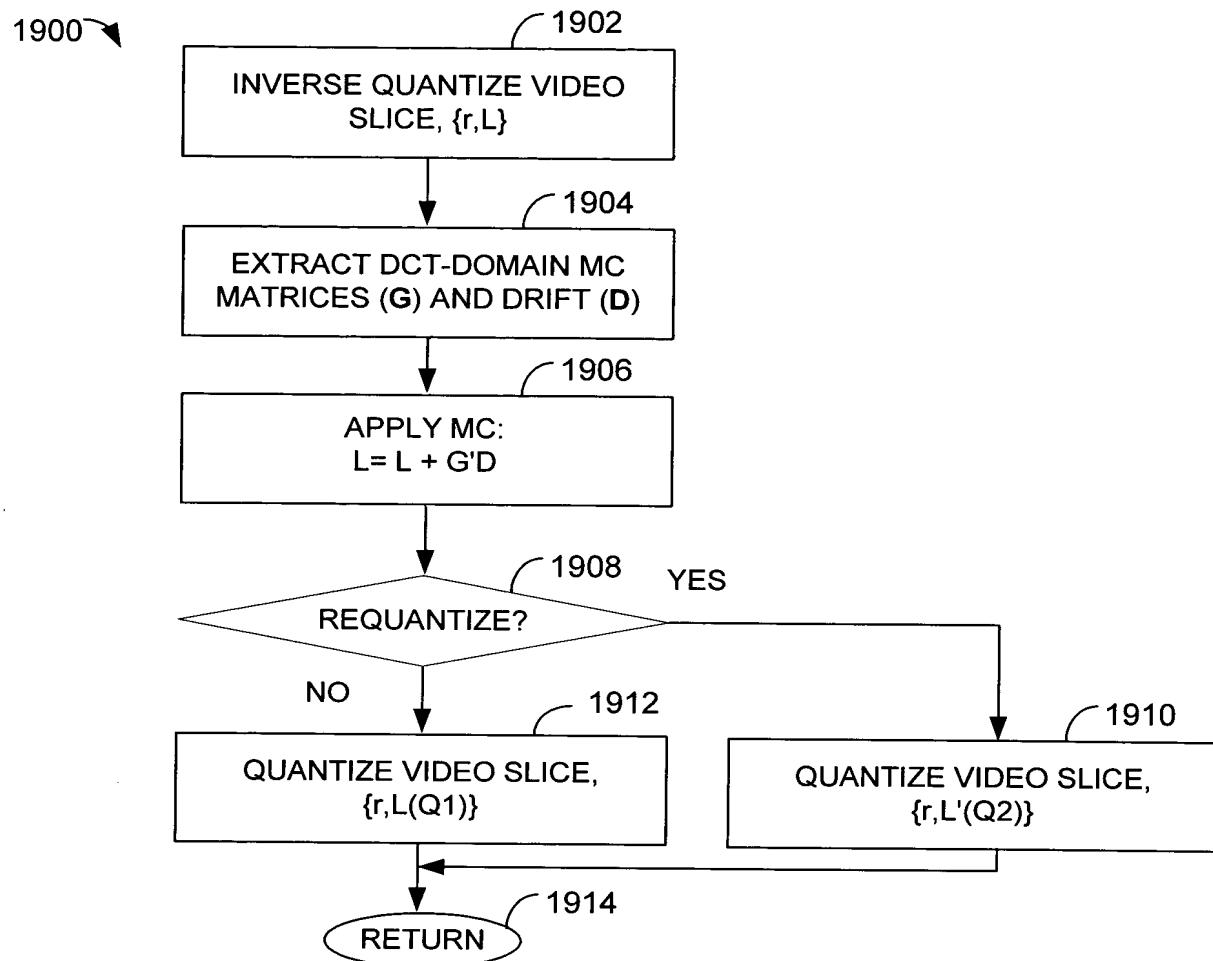


FIG. 19

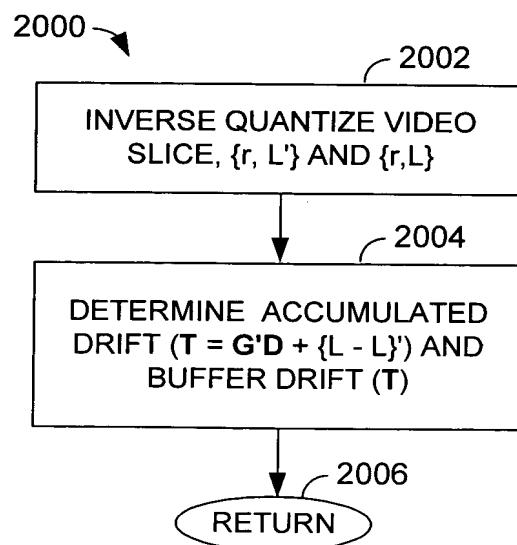


FIG. 20